AMENDMENTS TO THE CLAIMS

1 - 123. (Canceled)

124. (Currently Amended) A crystalline form of azithromycin, wherein said form is substantially pure ~~Form F~~ crystalline azithromycin monohydrate hemi-ethanol solvate.

125. (Currently Amended) The crystalline form of claim 124, wherein said ~~form~~ crystalline azithromycin monohydrate hemi-ethanol solvate is characterized as having a ^{13}C solid state NMR spectrum comprising one peak with chemical shift of about 179.5 ppm,

126. (Previously Presented) The crystalline form of claim 125, wherein said ^{13}C solid state NMR spectrum further comprises a peak with chemical shift of about 178.6 ppm.

127. (Previously Presented) The crystalline form of claim 126, wherein said ^{13}C solid state NMR spectrum further comprises a peak with chemical shift of about 58.0 ppm.

128. (Previously Presented) The crystalline form of claim 127, wherein said ^{13}C solid state NMR spectrum further comprises a peak with chemical shift of about 17.2 ppm.

129. (Previously Presented) The crystalline form of claim 128, wherein said ^{13}C solid state NMR spectrum further comprises a peak with chemical shift of about 10.1 ppm.

130 (Previously Presented) The crystalline form of claim 129, wherein said ^{13}C solid state NMR spectrum further comprises a peak with chemical shift of about 9.8 ppm.

131. (Previously Presented) The crystalline form of claim 130, wherein said ^{13}C solid state NMR spectrum further comprises a peak with chemical shift of about 9.3 ppm.

132. (Previously Presented) The crystalline form of claim 131, wherein said ^{13}C solid state NMR spectrum further comprises a peak with chemical shift of about 7.9 ppm.

133. (Previously Presented) The crystalline form of claim 132, wherein said ^{13}C solid state NMR spectrum further comprises a peak with chemical shift of about 6.6 ppm.

134. (Currently Amended) The crystalline form of claim 124, wherein said substantially pure ~~Form F~~ crystalline azithromycin monohydrate hemi-ethanol solvate has a purity of 82% or more by weight.

135. (Currently Amended) The crystalline form of claim 124, wherein said substantially pure ~~Form F~~ crystalline azithromycin monohydrate hemi-ethanol solvate has a purity of 84% or more by weight.

136. (Currently Amended) The crystalline form of claim 124, wherein said substantially pure ~~Form F~~ crystalline azithromycin monohydrate hemi-ethanol solvate has a purity of 86% or more by weight.

137. (Currently Amended) The crystalline form of claim 124, wherein said substantially pure ~~Form F~~ crystalline azithromycin monohydrate hemi-ethanol solvate has a purity of 88% or more by weight.

138. (Currently Amended) The crystalline form of claim 124, wherein said substantially pure ~~Form F~~ crystalline azithromycin monohydrate hemi-ethanol solvate has a purity of 90% or more by weight.

139. (Currently Amended) The crystalline form of claim 124, wherein said substantially pure ~~Form F~~ crystalline azithromycin monohydrate hemi-ethanol solvate has a purity of 92% or more by weight.

140. (Currently Amended) The crystalline form of claim 124, wherein said substantially pure ~~Form F~~ crystalline azithromycin monohydrate hemi-ethanol solvate has a purity of 94% or more by weight.

141. (Currently Amended) The crystalline form of claim 124, wherein said substantially pure ~~Form F~~ crystalline azithromycin monohydrate hemi-ethanol solvate has a purity of 96% or more by weight.

142. (Currently Amended) The crystalline form of claim 124, wherein said substantially pure ~~Form F~~ crystalline azithromycin monohydrate hemi-ethanol solvate has a purity of 98% or more by weight.

143. (Canceled)

144. (NEW) The crystalline form of azithromycin of claim 124 prepared by the process of (a) dissolving azithromycin in ethanol of 1-3 volumes by weight of azithromycin at a temperature of about 50-70°C; (b) completely dissolving the azithromycin of step (a) in said ethanol; (c) cooling the solution to subambient temperature to cause precipitation; and (d) collecting azithromycin crystalline and (e) drying said azithromycin crystalline to obtain said crystalline form of azithromycin.